



ITTP Summer School Programme 2023, MRC Toxicology Unit, Cambridge

Day 1 – Monday 10th July 13.00 – 17.00

13.00 – 14.15	Lunch – Roof Top Cafe
14.15 – 14.30	Welcome and Introduction – Kirsti Hornigold
14.30 – 15.30	Introduction to Toxicology – Anne Willis, MRC Toxicology Unit
15.30 - 16.00	Break – Coffee area level 3
16.00 – 17.00	Journey of a molecule from cradle to grave - Liz Sainsbury, AstraZeneca

Day 2 – Tuesday 11th July 9.30 – 17.00

9.30 - 12.30	PBK modelling Workshop – David Sheffield and Fazila Bunglawala, Unilever
12.30 - 13.30	Lunch – Roof Top Cafe
13.30 - 14.30	Human organ models for predictive toxicology - Vito Mennella, MRC Toxicology Unit
14.30 – 15.00	Break – Coffee area level 3
15.00 – 16.00	Data, AI and Algorithms in Drug Safety - Things that Work, Things that Don't, and Things that Might Work in the Future - Andreas Bender, University of Cambridge (Online)
16.00 - 17.00	Tours of the Toxicology Unit

Day 3 – Wednesday 12th July 9.30 – 17.00, followed by dinner.

9.30 – 10.30	Molecular and genetic determinants of immune-mediated drug toxicity: the discovery of drug-associated antigens - Xiaoli Meng, University of Liverpool
10.30 – 11.00	Break – Coffee area level 3
11.00 – 12.00	Introduction to Clinical Toxicity - Laurence Gray, University Hospital Llandough, Cardiff.
12.00 - 13.00	Lunch – Roof Top Cafe
13.00 – 14.00	AI and CompTox - Nicole Kleinstreuer, NICEATM
14.00 – 14.30	Careers chat with Nicole Kleinstreuer
14.30 – 15.00	Break – Coffee area level 3
15.00 – 16.00	Overview of Microphysiological Systems in Drug Safety Assessment - Rhiannon David, AstraZeneca
16.00 – 17.00	Front-end Public and Environmental Health Protection, the critical role of Regulatory Toxicology – Miriam Jacobs, UKHSA
17.00 – 17.30	Break and walk over to Downing site
17.30 – 18.45	Drinks and posters
18.45	Dinner



Day 4 – Thursday 13th July 9.30 – 15.30

9.30 – 10.30	Loving your Job – Insights and Advice – Gavin Maxwell, Unilever
10.30 - 11.00	First Year Student talks - project outlines (10 min talk, 5 min discussion)
11.00 – 11.30	Break – Coffee area level 3
11.30 – 12.00	First Year Student talks - project outlines (10 min talk, 5 min discussion)
12.00 – 12.30	Third year student talks (25 min talk, 5 min discussion)
12.30 - 13.30	Lunch – Roof Top Café
13.30 – 14.30	Challenges translating cells models to in vivo, from 2D and 3D and beyond – Pete Oliver, NATA
14.30 – 15.30	Third year student talks (25 min talk, 5 min discussion)
15.30	Free time to explore Cambridge

Day 5 – Friday 14th July 9.30 – 12.45

9.30 – 12.30 (including a break)	Career planning – Kate Murray, Careers Consultant for Researchers
12.30 – 12.45	Summary and close – Kirsti Hornigold